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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=6; day=16; hr=13; min=29; sec=42; ms=931; ]

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Application No: 10612468 Version No: 6.0

**Input Set:**

**Output Set:**

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**Finished:** 2009-05-28 15:00:12.933  
**Elapsed:** 0 hr(s) 0 min(s) 8 sec(s) 984 ms  
**Total Warnings:** 116  
**Total Errors:** 49  
**No. of SeqIDs Defined:** 168  
**Actual SeqID Count:** 168

| Error code | Error Description   |
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| E 224      | <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (1) |
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**Input Set:**

**Output Set:**

**Started:** 2009-05-28 15:00:03.949  
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**No. of SeqIDs Defined:** 168  
**Actual SeqID Count:** 168

| Error code | Error Description  |
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**Input Set:**

**Output Set:**

**Started:** 2009-05-28 15:00:03.949  
**Finished:** 2009-05-28 15:00:12.933  
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**No. of SeqIDs Defined:** 168  
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SEQUENCE LISTING

<110> Zang, Jingwu Z.  
Ho, Walter Kowk Keung  
Zhang, Dongqing  
Sun, Wei

<120> T Cell Receptor CDR3 Sequence and Methods for  
Detecting and Treating Rheumatoid Arthritis

<130> D6622

<140> 10612468  
<141> 2003-07-02

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<223> amino acid sequence of human (beta-chain variable  
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1 5 10 15

Ala Gly Pro Leu Glu Ala Gln Val Thr Gln Asn Pro Arg Tyr Leu  
20 25 30

Ile Thr Val Thr Gly Lys Leu Thr Val Thr Cys Ser Gln Asn  
35 40 45

Met Asn His Glu Tyr Met Ser Trp Tyr Arg Gln Asp Pro Gly Leu  
50 55 60

Gly Leu Arg Gln Ile Tyr Tyr Ser Met Asn Val Glu Val Thr Asp  
65 70 75

Lys Gly Asp Val Pro Glu Gly Tyr Lys Val Ser Arg Lys Glu Lys  
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 35 40 45  
 Phe Leu Leu His Phe Val Lys Glu Ser Lys Gln Asp Glu Ser Gly  
 50 55 60  
 Met Pro Asn Asn Arg Phe Leu Ala Glu Arg Thr Gly Gly Thr Tyr  
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<210> 12  
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<210> 14  
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<210> 15  
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<210> 16  
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<210> 31  
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